

SRS DOCUMENT

PYTHON  
  
Student Intern Insights

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**BACKGROUND**

Millions of students apply for internships/jobs every year ,resumes play an important role in playing the first impression .The recruiters spend a max of 2-3 minutes reviewing a resume after landed in their mailbox or job board ,ATS application .Surprising more than 70% of resumes get rejected in the initial screening.

**PROJECT OVERVIEW:**

The aim is to conduct a comprehensive analysis of student interns to gain insights about relationship between their academic performance ,event participation ,career aspiration and factors influencing their success .We have collected a dataset containing various attributes for each student .

**HARDWARE REQUIREMENT:**

minimum hardware requirements--RAM:512 MB or more.Processor:Pentinum-IV onwards . Hard Disk Space: 40 GB or more .

**SOFTWARE REQUIREMENT:**

VS Code, Python, Python Libraries

**CONSTRAINTS:**

Python

**ASSUMPTIONS:**

Assume the data collected is reliable unless proven otherwise

**RISKS:**

Incomplete or inaccurate data from interns records or surveys.

**FUNCTIONAL REQUIREMENTS:**

Create dataframe for the available data and perform operations on that data.

**NON-FUNCTIONAL REQUIREMENTS:**

Scalability ,Data security and privacy

**EXTERNAL INTERFACE REQUIREMENTS:**

A user-friendly interface should be designed for seamless data input and analysis. Support for data import and export in various formats is necessary for data exchange. Integration possibilities with external APIs should be explored for enhanced functionality. Detailed analysis reports should be generated to summarize the findings effectively. Compatibility across different systems and browsers should be ensured for accessibility.

**TECHNOLOGY USED:**

Microsoft Windows, Microsoft Excel, Visual Studio Code, Python, Google Chrome